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PTO/SEA (10-96)
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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/880,872
				Filing Date	October 22, 2003
				First Named Inventor	Jane Hirsh
				Group Art Unit	1615
				Examiner Name	Page, Thurman K
Sheet	1	of	1	Attorney Docket Number	CP 107 P

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant to place a check mark here if English language translation is attached.

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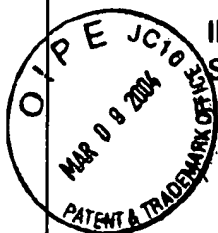
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Substitute for form 1449A/PTO

Complete if Known



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Application Number	10/690,872
Filing Date	October 22, 2003
First Named Inventor	Jane Hirsh
Group Art Unit	
Examiner Name	
Attorney Docket Number	CP 107 P

Sheet 1 of 18

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	US Patent Document		Name of Patentee or Applicant of Cited Document	Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
JAS		3,948,254		Zaffaroni	04-06-1976	
		3,977,992		Hofacker	08-31-1976	
		4,069,307		Higuchi, et al.	01-17-1978	
		4,093,709		Choi, et al.	06-06-1978	
		4,122,157		Huber	10-24-1978	
		4,138,475		McAinsh, et al.	02-06-1979	
		4,142,526		Zaffaroni	03-06-1979	
		4,173,626		Dempski	11-06-1979	
		4,226,849		Schor	10-07-1980	
		4,249,531		Heller, et al.	02-10-1981	
		4,252,786		Weiss, et al.	02-24-1981	
		4,264,573		Powell, et al.	04-28-1981	
		4,304,232		Michaels	12-08-1981	
		4,308,251		Dunn, et al.	12-29-1981	
		4,322,311		Lim, et al.	05-30-1982	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Office. ³	Number ⁴	Kind Code ⁵ (if known)				
JAS		PCT	WO 95/22521		Asahi Chemical Ind.	08-24-1995		
		PCT	WO 97/33880		Eli Lilly and Co.	09-18-1997		
		PCT	WO 98/08495		Pierre Fabre Medicament	03-05-1998		
		PCT	WO 00/28980		Eli Lilly and Co.	05-25-2000		
		PCT	WO 01/26623		Laxdale Ltd.	04-19-2001		
		PCT	WO 02/060428		Sepracor, Inc.	08-08-2002		

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Sheet	2	of	18
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		Number	Kind Code ² (if known)			
SA		4,346,709		Schmitt	08-31-1982	
		4,353,887		Hess, et al.	10-12-1982	
		4,367,741		Michaels	01-11-1983	
		4,415,547		Yu, et al.	11-15-1983	
		4,428,925		Keith	01-31-1984	
		4,428,926		Keith	01-31-1984	
		4,432,965		Keith, et al.	02-21-1984	
		4,455,144		Michaels	06-19-1984	
		4,478,836		Mouzin, et al.	10-23-1984	
		4,482,533		Keith	11-13-1984	
		4,503,031		Glassman	03-05-1985	
		4,505,890		Jain, et al.	03-19-1985	
		4,508,702		Hsiao	04-02-1985	
		4,520,009		Dunn	05-28-1985	
		4,524,060		Mughal, et al.	06-18-1985	
		4,540,566		Davis, et al.	09-10-1985	
		4,556,678		Hsiao	12-03-1985	
		4,557,925		Lindahl, et al.	21-10-1985	
		4,571,333		Hsiao, et al.	02-18-1986	
		4,587,118		Hsiao	05-06-1986	
		4,610,870		Jain, et al.	09-09-1986	
		4,629,619		Lindahl, et al.	12-16-1986	
		4,629,620		Lindahl, et al.	12-16-1986	
		4,634,587		Hsiao	01-06-1987	
		4,649,043		Urquhart, et al.	03-10-1987	

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Sheet 3 of 18	Attorney Docket Number	CP 107 P	

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		Number	Kind Code ² (if known)			
JAB		4,666,705		DeCrosta, et al.	05-19-1987	
		4,690,824		Powell, et al.	09-01-1987	
		4,692,337		Ukigaya	09-08-1987	
		4,695,467		Uemura, et al.	09-22-1987	
		4,695,591		Hanna, et al.	09-22-1987	
		4,708,834		Cohen, et al.	11-24-1987	
		4,710,384		Rotman	12-01-1987	
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		4,740,198		Theeuwes	04-26-1988	
		4,756,911		Drost, et al.	07-12-1988	
		4,775,535		Lowey	10-04-1988	
		4,781,919		Liebowitz	11-01-1988	
		4,784,858		Ventouras	11-15-1988	
		4,795,327		Gaylord, et al.	01-03-1989	
		4,795,642		Cohen, et al.	01-03-1989	
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		4,798,725		Patel	01-17-1989	
		4,800,083		Hom, et al.	01-24-1989	
		4,803,076		Ranade	02-07-1989	
		4,803,079		Hsiao, et al.	02-07-1989	
		4,806,359		Radebaugh, et al.	02-21-1989	
		4,816,262		McMullen	03-28-1989	
		4,820,522		Radebaugh, et al.	04-11-1989	
		4,822,619		Eichel, et al.	04-18-1989	
		4,824,678		Lindahl, et al.	04-25-1989	

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Sheet	4	of	18	Attorney Docket Number	CP 107 P

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		Number	Kind Code ² (if known)			
JAK		4,832,957		Dempski, et al.	05-23-1989	
		4,837,032		Ortega	06-06-1989	
		4,842,866		Harder, et al.	06-27-1989	
		4,849,229		Gaylord, et al.	07-18-1989	
		4,861,590		Grodberg	08-29-1989	
		4,863,743		Hsiao, et al.	09-05-1989	
		4,871,548		Edgren, et al.	10-03-1989	
		4,882,167		Jang	11-21-1989	
		4,892,742		Shah	01-09-1990	
		4,900,755		Dempski, et al.	02-13-1990	
		4,919,938		Lovegrove, et al.	04-24-1990	
		4,925,676		Ghebre-Sellassie	05-15-1990	
		4,933,185		Wheatley, et al.	06-12-1990	
		4,946,686		McClelland, et al.	08-07-1990	
		4,956,388		Robertson, et al.	09-11-1990	
		4,966,768		Michelucci, et al.	10-30-1990	
		4,968,509		Radebaugh, et al.	11-06-1990	
		4,983,398		Gaylord, et al.	01-08-1991	
		4,983,400		Dempski, et al.	01-08-1991	
		4,983,401		Eichel, et al.	01-08-1991	
		4,996,060		Eckenhoff, et al.	02-26-1991	
		5,002,774		Agrawal, et al.	03-26-1991	
		5,004,613		Radebaugh, et al.	04-02-1991	
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		5,009,898		Lui		

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		Number	Kind Code ² (if known)			
JAS		5,015,479		Mulligan, et al.	05-14-1991	
		5,019,398		Daste	05-28-1991	
		5,051,261		McGinity, et al.	09-24-1991	
		5,055,306		Barry, et al.	10-08-1991	
		5,057,318		Magruder, et al.	10-15-1991	
		5,073,380		Babu, et al.	12-17-1991	
		5,075,114		Roche	12-24-1991	
		5,085,865		Nayak	02-04-1992	
		5,091,189		Heafield, et al.	02-25-1992	
		5,112,614		Magruder, et al.	05-12-1992	
		5,126,145		Evenstad, et al.	06-30-1992	
		5,137,727		Eckenhoff	08-11-1992	
		5,162,117		Stupak	11-10-1992	
		5,164,193		Okada, et al.	11-17-1992	
		5,169,642		Brinker, et al.	11-08-1992	
		5,186,930		Kogan, et al.	02-16-1993	
		5,200,193		Radebaugh, et al.	04-06-1993	
		5,204,121		Bücheler, et al.	04-20-1993	
		5,219,572		Sivaramakrishnan	06-15-1993	
		5,230,901		Einig, et al.	06-27-1993	
	5,234,692		Magruder, et al.	08-10-1993		
	5,234,693		Magruder, et al.	08-10-1993		
	5,238,687		Magruder, et al.	08-24-1993		
	5,268,182		Brinker, et al.	12-07-1993		
	5,277,912		Lowe, et al.	01-11-1994		

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2145		5,278,201		Dunn, et al.	01-11-1994	
		5,278,202		Dunn, et al.	01-11-1994	
		5,283,065		Doyon, et al.	02-01-1994	
		5,292,533		McMahon, et al.	03-08-1994	
		5,292,534		Valentine, et al.	03-08-1994	
		5,320,616		Magruder, et al.	06-14-1994	
		5,324,519		Dunn, et al.	06-28-1994	
		5,328,697		Raman, et al.	07-12-1994	
		5,334,392		Cuine, et al.	08-02-1994	
		5,334,393		Bougaret, et al.	08-02-1994	
		5,340,849		Dunn, et al.	08-23-1994	
		5,356,635		Raman, et al.	10-18-1994	
		5,358,723		Ghebre-Sellassie	10-25-1994	
		5,362,424		Lee, et al.	11-08-1994	
		5,366,738		Rork, et al.	11-22-1994	
		5,368,859		Dunn, et al.	11-29-1994	
		5,368,862		Colegrove	11-29-1994	
		5,393,765		Infeld, et al.	02-28-1995	
		5,397,574		Chen	03-14-1995	
	2146		5,407,686		Patel, et al.	04-18-1995
		5,413,572		Wong, et al.	05-09-1995	
		5,419,918		Lundberg	05-30-1995	
		5,424,289		Yang, et al.	06-13-1995	
		5,427,798		Ludwig, et al.	06-27-1995	
		5,427,799		Valentine, et al.	06-27-1995	

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		5,455,046		Baichwal	10-03-1995	
		5,462,747		Radebaugh, et al.	10-31-1995	
		5,466,460		McMahon, et al.	11-14-1995	
		5,484,607		Horacek	01-16-1996	
		5,487,897		Polson, et al.	01-30-1996	
		5,492,700		Ghebra-Sellassie	02-20-1996	
		5,498,422		Nakamichi, et al.	03-12-1996	
		5,500,227		Oshlack, et al.	03-19-1996	
		5,505,962		Sparks	04-09-1996	
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		5,512,293		Landrau, et al.	04-30-1996	
		5,512,297		Baichwal	04-30-1996	
		5,540,912		Roorda, et al.	07-30-1996	
		5,543,155		Fekete, et al.	08-06-1996	
		5,554,387		Baichwal	09-10-1996	
		5,558,879		Chen, et al.	09-24-1996	
		5,562,915		Lowe, et al.	10-08-1996	
		5,576,021		Andoh, et al.	09-19-1996	
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[Handwritten Initials]		5,582,837		Shell	12-10-1996	
		5,593,694		Hayashida, et al.	01-14-1997	
		5,599,552		Dunn, et al.	02-04-1997	
		5,601,842		Bartholomaeus	02-11-1997	
		5,603,956		Mateescu, et al.	02-18-1997	

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		Application Number	10/690,872		
		Filing Date	October 22, 2003		
		First Named Inventor	Jane Hirsh		
		Group Art Unit			
		Examiner Name			
Sheet	8	of	18	Attorney Docket Number	CP 107 P

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	US Patent Document		Name of Patentee or Applicant of Cited Document	Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
JLB		5,614,218		Olsson, et al.	03-25-1997	
		5,621,142		Mochizuki, et al.	04-15-1997	
		5,624,683		Andoh, et al.	04-29-1997	
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		5,744,153		Yewey, et al.	04-28-1998	
		5,759,563		Yewey, et al.	06-02-1998	

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		5,780,044		Yewey, et al.	07-14-1998	
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		6,046,177		Stella, et al.	04-04-2000	

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JAS		6,056,977		Bhagwat, et al.	05-02-2000	
		6,066,643		Perry	05-23-2000	
		6,074,669		Nagaprasad, et al.	06-13-2000	
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	6,197,339		Ju	03-06-2001		
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
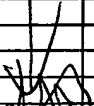
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			Group Art Unit		
			Examiner Name		
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		Number	Kind Code ² (if known)			
		6,197,344		Chang, et al.	03-06-2001	
		6,210,714		Oshlack, et al.	04-03-2001	
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		6,419,953		Qiu, et al.	07-16-2003	

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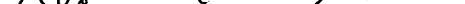


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Sheet	12	of	18	Attorney Docket Number	CP 107 P

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<div style="writing-mode: vertical-rl; transform: rotate(180deg);"> Table of contents only provided </div>		AL-CHAE, et al., "A new model of chronic visceral hypersensitivity in adult rats induced by colon irritation during postnatal development," <i>Gastroenterology</i> 119: 1276-1285 (2000).			
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OTHER ART -- NON PATENT LITERATURE DOCUMENTS			
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		Cypress Bioscience, Inc., "Cypress Bioscience Inc. announces final results of milnacipran phase II clinical trial in fibromyalgia," March 21, 2003 Media Release, www.cypressbio.com .	
		DEPREZ, et al., "Which bioequivalence study for a racemic drug? Application to milnacipran," <i>Eur. J. Drug Metab. Pharmacokinet.</i> 23(2): 166-171 (1998).	
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		Eli Lilly & Company, "New research shows cymbalta reduces anxiety symptoms associated with depression," September 18, 2003 Media Release, www.newroom.lilly.com .	
		GHEBRE-SELLASSIE, ed., <i>Multiparticulate Oral Drug Delivery</i>, Marcel Dekker, Inc.: New York, NY (1994).	
		(TOC)	
		GIAMBERARDINO, "Recent and forgotten aspects of visceral pain," <i>Eur. J. Pain</i> 3: 77-92 (1999).	
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Table of contents only provided Table of contents only provided		HUFFMAN, et al., "Lithium alkoxides of cinchona alkaloids as chiral controllers for enantioselective acetylide addition to cyclic N-acyl ketimines," <i>J. Org. Chem.</i> 60: 1590-1594 (1995).		
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		(TOU)		
		LEINONEN, "Long-term efficacy and safety of miltacipran compared to clomipramine in patients with major depression," <i>Acta Psychiatr. Scand.</i> 96: 497-504 (1997).		
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		(TOC)		
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		MOCHIZUKI, et al., "Neurochemical and behavioural characterization of miltacipran, a serotonin and noradrenaline reuptake inhibitor in rats," <i>Psychopharmacology</i> 162: 323-332 (2002).		
	MORET & BRILEY, "Effects of miltacipran and pindolol on extracellular noradrenaline and serotonin levels in guinea pig hypothalamus," <i>J. Neurochem.</i> 69(2): 815-822 (1997).			
	MORET, et al., "Biochemical profile of miltacipran (F 2207), 1-phenyl-1-diethyl-aminocarbonyl-2-aminomethyl-cyclopropane (Z) hydrochloride, a potential fourth generation antidepressant drug," <i>Neuropharmacology</i> 24(12): 1211-1219 (1985).			
	MUGNAINI, et al., "Receptor binding characteristics of the novel NMDA receptor glycine site antagonist [3H]GV150526A in rat cerebral cortical membranes," <i>Eur. J. Pharmacol.</i> 391: 233-241 (2000).			
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		Application Number	10/690,872		
		Filing Date	October 22, 2003		
		First Named Inventor	Jane Hirsh		
		Group Art Unit			
		Examiner Name			
Sheet	16	of	18	Attorney Docket Number	CP 107 P

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		NALIBOFF, et al., "Evidence for two distinct perceptual alterations in irritable bowel syndrome," <i>Gut</i> 41: 505-512 (1997).	
		PALMIER, et al., "Monoamine uptake inhibition by plasma from healthy volunteers after single oral doses of the antidepressant milnacipran," <i>Eur. J. Clin. Pharmacol.</i> 37(3): 235-238 (1989).	
		PUECH, et al., "Milnacipran, a new serotonin and noradrenaline reuptake inhibitor: an overview of its antidepressant activity and clinical tolerability," <i>Int. Clin. Psychopharmacol.</i> 12: 99-108 (1997).	
		PUOZZO & LEONARD, "Pharmacokinetics of milnacipran in comparison with other antidepressants," <i>Int. Clin. Psychopharmacol.</i> 11: 15-27 (1996).	
		PUOZZO, et al., "Pharmacokinetics of milnacipran in renal impairment," <i>Eur. J. Drug Metab. Pharmacokinetics</i> 23: 280-286 (1998).	
		SANCHEZ & HYTTTEL, "Comparison of the effects of antidepressants and their metabolites on reuptake of biogenic amines and on receptor binding," <i>Cell. Mol. Neurobiol.</i> 19(4): 467-489 (1999).	
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		SHUTO, et al., "(+/-)-(Z)-2-(aminomethyl)-1-phenylcyclopropanecarboxamide derivatives as a new prototype of NMDA receptor antagonists," <i>J. Med. Chem.</i> 38: 2964-2968 (1995).	
		SHUTO, et al., "(1S,2R)-1-Phenyl-2-[(S)-1-aminopropyl]-N,N-diethylcyclopropanecarboxamide (PPOC), a new class of NMDA-receptor antagonist: molecular design by a novel conformational restriction strategy," <i>Jpn. J. Pharmacol.</i> 85: 207-213 (2001).	

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		Application Number	10/690,872		
		Filing Date	October 22, 2003		
		First Named Inventor	Jane Hirsh		
		Group Art Unit			
		Examiner Name			
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		SHUTO, et al., "Synthesis and biological activity of conformationally restricted analogs of milnacipran: (1S,2R)-1-phenyl-2-((S)-1-aminopropyl)-N,N-diethylcyclopropanecarboxamide, an efficient noncompetitive N-methyl-D-aspartic acid receptor antagonist," <i>J. Med. Chem.</i> 39: 4844-4852 (1996).	
		SHUTO, et al., "Synthesis and biological activity of conformationally restricted analogues of milnacipran: (1S, 2R)-1-phenyl-2-((R)-1-amino-2-propynyl)-N,N-diethylcyclopropanecarboxamide is a novel class of NMDA receptor channel blocker," <i>J. Med. Chem.</i> 41: 3507-3514 (1998).	
		SHUTO, et al., "Synthesis of (+)- and (-)-milnaciprans and their conformationally restricted analogs," <i>Tetrahedron Lett.</i> 37(5): 641-644 (1996).	
		TALLEY & SPILLER, "Irritable bowel syndrome: a little understood organic bowel disease?" <i>Lancet</i> 360: 555-564 (2002).	
		TIGNOL, et al., "Double-blind study of the efficacy and safety of milnacipran and imipramine in elderly patients with major depressive episode," <i>Acta Psychiatr. Scand.</i> 97: 157-165 (1998).	
		TRAN, et al., "Dual monoamine modulation for improved treatment of major depressive disorder," <i>J. Clin. Psychopharmacol.</i> 23: 78-86 (2003).	
		TUCKER, et al., "Synthesis of a series of 4-(arylethynyl)-6-chloro-4-cyclopropyl-3,4-dihydroquinazolin-2(1H)-ones as novel non-nucleoside HIV-1 reverse transcriptase inhibitors," <i>J. Med. Chem.</i> 37: 2437-2444 (1994).	
		TURCOTTE, et al., "Assessment of the serotonin and norepinephrine reuptake blocking properties of duloxetine in healthy subjects," <i>Neuropsychopharmacology</i> 24(5): 511-521 (2001).	
		VIAZZO, et al., "Microbiological transformations 34: enantioselective hydrolysis of a key-lactone involved in the synthesis of the antidepressant milnacipran," <i>Tetrahedron Lett.</i> 37(26): 4519-4522 (1996).	

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		VON FRENCKELL, et al., "Pooling two controlled comparisons of miltacipran (F2207) and amitriptyline in endogenous inpatients. A new approach in dose ranging studies," <i>Int. Clin. Psychopharmacol.</i> 5: 49-56 (1990).	
		WILDING, "The role of gamma-scintigraphy in oral drug delivery," <i>Drug Deliv. Rev.</i> 46: 103-124 (2001).	
		YOSHIMURA, et al., "The involvement of the tetrodotoxin-resistant sodium channel Na _v 1.8 (PN3/SNS) in a rat model of visceral pain," <i>J. Neurosci.</i> 21(21): 8690-8696 (2001).	
		ZUBAY, <i>Biochemistry</i> , 2 nd ed., Macmillan: New York, pp. 259-283 (1988).	
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